

## IN THE CLAIMS

1-21. (Cancelled)

22. (Currently Amended) A computer implemented medical record system, comprising:

a display;

a processor; and

a memory for storing computer readable instructions that cause the processor to render  
a graphical user interface on the display for inputting data into the medical record system;

a the graphical user interface consisting of including first, second and third data entry screens for documenting a patient encounter and for inputting data into a patient chart stored in the medical record system, wherein the three data entry screens are organized into a subjective, objective, assessment, and plan (SOAP) format, the graphical user interface further consisting of a reason for visit data entry field for receiving a selection of a patient's primary reason for visiting a medical service provider operating the medical record system;

the first screen being operative to accept data input relating to summary data, the summary data including patient vital signs, patient complaint, patient allergies, patient medications, and patient problem data;

the second screen being operative to accept data input relating to patient history and physical examination data, wherein the selection received in the reason for visit data entry field causes the processor to automatically selects a visit outline from a plurality of visit outlines stored in the memory, the automatically selected visit outline being related to the

reason for the patient's visit and to presents the visit outline in the second screen, the visit outline guiding the examination by the medical service provider and listing the types of information that should be collected and recorded into the medical record system, wherein the presented visit outline includes an item column listing information that should be collected by the medical service provider in relation to the selected primary reason for the patient's visit and a value column that lists the type or format of the collected information, and wherein the system dynamically modifies the presentation of the information set forth in the item column of the visit outline in response to a user making a selection from a pre-defined set of choices presented in the value column of the visit outline; and

the third screen being operative to accept data input relating to order entry data, the order entry data being determined by a user of the system by referencing the summary data and the history and physical examination data.

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) The system of claim 22, further comprising a carepath module linked to the selected visit outline for suggesting a particular medical treatment in response to the data input in the first, second and third screens into the patient's chart, the carepath module also automatically determining that additional data entry is required to evaluate the

patient's condition in order to make a suggestion and prompting the user of the medical record system to input the additional data.

26. (Previously Presented) The system of claim 22, wherein the graphical user interface further includes a plurality of picklists coupled to the selected visit outline for entering data into the medical record system, the picklists including a plurality of data entry choices programmed into the system that are responsive to a particular item of information to be collected by the medical service provider.

27. (Currently Amended) The system of claim 22, further comprising a data repository including genogrammatical data, ~~the graphical user interface communicating with the data repository and graphically depicting wherein the system graphically maintains~~ the patient's family medical history in a genogram using the genogrammatical data from the data repository.

28-34 (Cancelled)

35. (Currently Amended) A method of managing patient medical treatment data, comprising:  
displaying a graphical user interface including ~~consisting of~~ first, second and third data entry screens for documenting a patient encounter and for inputting data into a patient chart stored in a medical record system, wherein the three data entry screens are organized into a subjective, objective, assessment, and plan (SOAP) format;

accepting data in the first screen relating to summary data, the summary data including patient vital signs, patient complaint, patient allergies, patient medications, and patient problem data;

accepting data in the second screen relating to patient history and physical examination data, wherein the second screen is configured by a stored visit outline that is automatically selected from a plurality of stored visit outlines by the medical record system in response to the user selection of a particular reason for the patient's visit to a medical service provider operating the medical record system, the visit outline guiding the examination by the medical service provider and listing the types of information that should be collected and recorded into the medical record system, wherein the presented visit outline includes an item column listing information that should be collected by the medical service provider in relation to the selected primary reason for the patient's visit and a value column that lists the type or format of the collected information, and wherein the system dynamically modifies the presentation of the information set forth in the item column of the visit outline in response to a user making a selection from a pre-defined set of choices presented in the value column of the visit outline; and

accepting data in the third screen relating to order entry data, the order entry data being determined by a user of the system by referencing the summary data and the history and physical examination data.

36. (Cancelled)

37. (Previously Presented) The system of claim 22, further comprising a medication pop-up tool accessible from the third screen facilitating entry of medication orders.

38. (Previously Presented) The system of claim 37, wherein the pop-up tool presents a list of available medications for selection by a user.

39. (Previously Presented) The system of claim 38, wherein the pop-up tool enables the user of the system to record the history of a selected medication.

40. (Previously Presented) The system of claim 38, wherein the pop-up tool prompts the user to input data for a new medication.

41. (Previously Presented) The system of claim 38, wherein the pop-up tool presents a calculator tool to calculate medication dosage or receive other medication guidelines in response to a user input.

42. (Previously Presented) The system of claim 41, wherein the calculator pre-populates fields by drawing previously entered data into outlines presented on the first and second screens.

43. (Previously Presented) The system of claim 22, further comprising add-on notations that can be attached to any element of a visit outline displayed on the second screen to accommodate data entry regarding exceptional situations that are not specifically addressed in the visit outline.

44. (Cancelled)

45. (Cancelled)

46. (Previously Presented) The system of claim 37, further comprising a pop-up tool for data entry, the pop-up tool facilitating the annotation of a graphical image using text, drawing tools, or both.

47. (Previously Presented) The system of claim 37, wherein the system enables a user to mark locations on a graphical image of a body system.

48. (Previously Presented) The system of claim 37, wherein the system enables a user to identify a body region by marking a location on a graphical image of a body system.

49. (Cancelled)

50. (Previously Presented) The system of claim 22, wherein the system is capable of dynamically modifying the on-screen presentation of a visit outline in response to the user of the system marking a location on a graphical image of a body system.

51. (Previously Presented) The medical record system of claim 22, wherein the three data entry screens are selected by three tabs located on a top portion of the user interface, and a plurality of data viewing screens are selected by a plurality of tabs located on a side portion of the graphical user interface.

52. (Cancelled)

53. (Previously Presented) The system of claim 26, wherein the picklist choices are initially set to a normal condition.

54. (Previously Presented) The system of claim 53, further comprising an all normal structure for selecting the normal condition for each choice presented through a picklist.